



Crop Progress and Condition

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Cooperative Extension Service

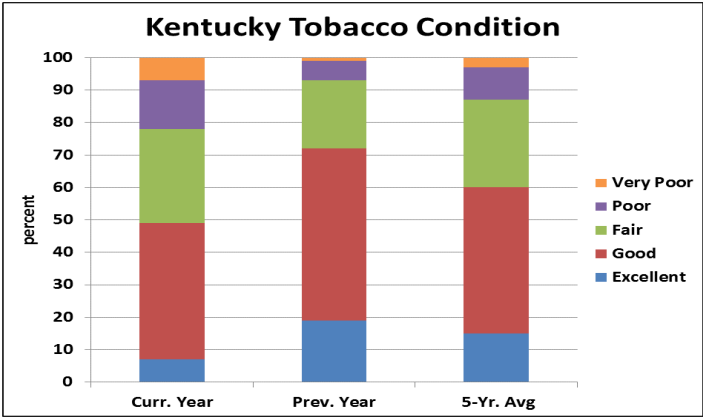
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Agricultural News: Kentucky experienced below normal temperatures and rainfall over the past week. Precipitation for the week totaled 0.09 inches, 0.66 inches below normal. Temperatures averaged 69 degrees for the week, 6 degrees below normal. **Topsoil moisture** was rated 3 percent very short, 22 percent short, 70 percent adequate and 5 percent surplus. **Subsoil moisture** was rated 2 percent very short, 16 percent short, 77 percent adequate, and 5 percent surplus. Days suitable for fieldwork averaged 6.6 out of a possible seven.

Primary activities this week included cutting hay, topping and cutting tobacco. Disease and insect pressure remains a concern for field crops. There were reports of southern rust and gray leaf spot in corn. Most locations are in need of rain as crops are showing signs of stress due to lack of moisture. Soybeans are at a critical stage of development and yields could be hampered if dry conditions continue. Yields are expected to be light for grapes due to the harsh winter. Pastures remain in mostly good condition, but are starting to decline due to dry weather. Housed tobacco is reportedly curing well. Producers continue to prepare equipment for the upcoming harvest.

SOIL MOISTURE for week ending 08/30/15

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	3	22	70	5
Subsoil	2	16	77	5



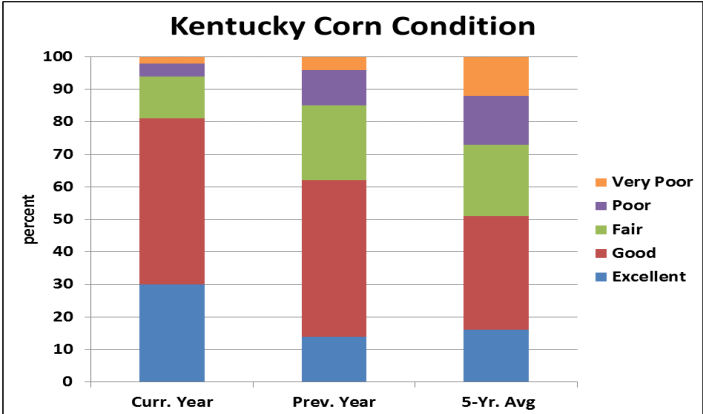
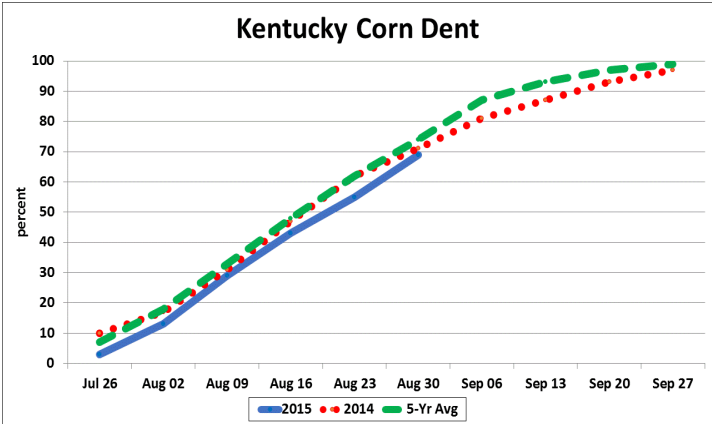
CROP PROGRESS for week ending 08/30/15

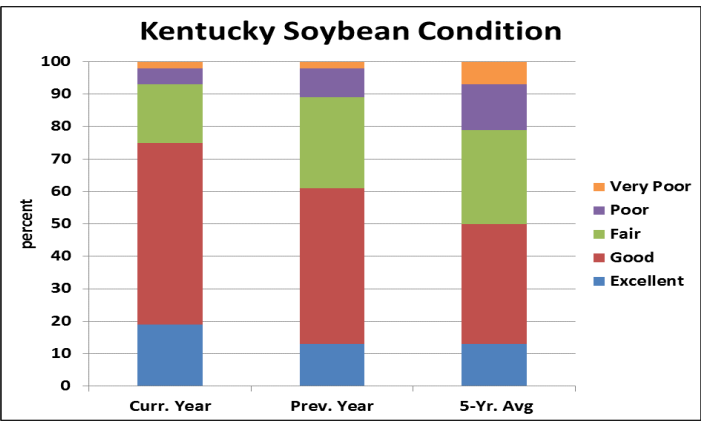
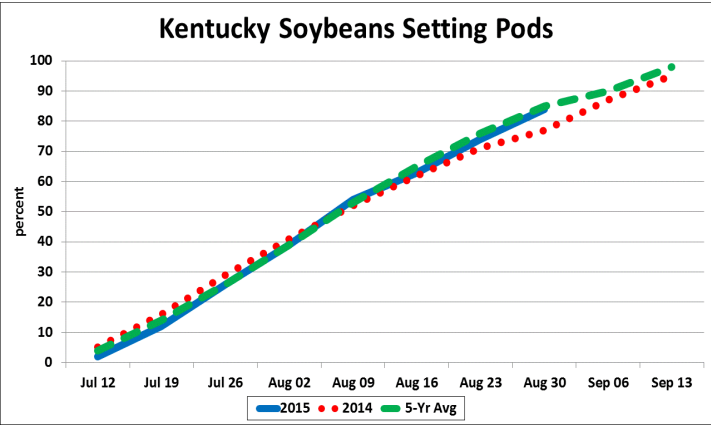
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Milked	97	92	95	96
Corn Dough	85	78	85	88
Corn Dent	69	55	71	74
Corn Mature	29	15	32	42
Soybeans Blooming	95	90	89	96
Soybeans Setting Pods	84	74	77	85
Soybeans Coloring	17	9	19	-
Soybeans Dropping Leaves	2	-	2	9
Tobacco Blooming	97	92	95	97
Tobacco Topped	86	76	82	84
Tobacco Cut	42	28	36	37

- Represents zero or not available.

CROP CONDITIONS for week ending 08/30/15

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	2	4	13	51	30
Hay	2	5	22	60	11
Pasture	1	5	20	61	13
Soybeans	2	5	18	56	19
Tobacco Set	7	15	29	42	7





Kentucky Climate Summary
For the Period August 24, 2015 to August 30, 2015

Below Normal Temperatures and Rainfall:

Normally, the month of August brings the Commonwealth warm temperatures and high humidity. August 2015 has been quite the opposite and that didn’t change over the last week of the month. Cool conditions pushed the state to a fourth straight week of below normal temperatures. Behind a strong cold front early on Monday, surface high pressure built into the region for the remainder of the work week. Up until Thursday, afternoon highs were only rising into the mid-70s to low 80s, before dropping into the low to mid 50s at night. In fact, some locations even saw the upper 40s. High pressure kept the area dry with any clouds developing in the afternoon quickly clearing after sunset. In addition, low dew points made it feel more like fall. The high shifted east by Friday and into the weekend, leading to both moisture and temperatures on the increase. Within a moderately unstable atmosphere, scattered showers and storms developed each day over the weekend. While that was the case, rainfall was still much below normal for the week with many stations not even recording a trace.

Temperatures for the period averaged 69 degrees across the state which was 6 degrees cooler than normal and 4 degrees cooler than the previous period. High temperatures averaged from 82 in the West to 80 in the East. Departure from normal high temperatures ranged from 6 degrees cooler than normal in the West to 5 degrees cooler than normal in the East. Low temperatures averaged from 58 degrees in the West to 59 degrees in the East. Departure from normal low temperature ranged from 7 degrees cooler than normal in the West to 2 degrees cooler than normal in the East. The extreme high temperature for the period was 91 degrees at ELKTON 5SW and the extreme low was 48 degrees at BRANDENBURG 4SW.

Precipitation (liq. equ.) for the period totaled 0.09 inches statewide which was 0.66 inches below normal and 12% of normal. Precipitation totals by climate division, West 0.18 inches, Central 0.04 inches, Bluegrass 0.11 inches and East 0.03 inches, which was 0.5, 0.74, 0.64 and 0.77 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at ALBANY 1N to a high of 2.05 inches at CADIZ 4SW.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 08/30/15 4 p.m.

Weather Station	Rainfall			Deviation From		Air Temperatures				Growing Degree Days		
	Last Week	Since Apr 1	Last Four Wks.	Norm. Since Apr 1	Norm. Last 4 Wks.	High	Low	Wkly. Avg.	Dev. From Norm.	Last Week	Since Apr 1	Dev. Since Apr 1
	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>
Bardstown	0.00	31.81	4.50	11.00	0.95	86	50	70	-2	136	3,100	151
Berea	0.22	30.46	1.73	9.16	-1.87	88	51	70	-1	136	2,928	-82
Bowling Green	0.00	22.88	1.56	1.31	-1.61	88	53	71	-1	148	3,479	416
Bristol	0.00	21.29	6.52	3.16	3.66	86	55	71	0	146	3,138	331
Buckhorn Lake	0.00	24.75	4.03	4.37	0.73	83	51	67	-4	120	2,885	211
Cape Girardeau	0.00	27.22	2.87	7.21	-0.28	86	51	70	-4	140	3,414	218
Campbellsville	0.09	27.43	1.32	3.55	-2.81	86	49	68	-4	122	2,956	-29
Covington	0.01	21.89	2.61	2.54	-0.42	87	53	70	-1	138	2,898	136
Cumberland Gap	0.02	26.22	3.58	3.61	-0.33	84	51	69	-2	132	3,026	241
Dix Dam	0.09	33.83	1.87	12.47	-1.65	87	52	69	-2	133	2,956	14
Evansville	0.00	25.18	3.06	5.87	0.25	86	55	71	-3	147	3,276	231
Glasgow	0.09	25.73	0.72	2.31	-2.92	86	51	70	-2	136	3,166	195
Grayson	0.06	33.10	4.28	12.88	0.89	85	50	67	-4	118	2,770	135
Hardinsburg	0.00	24.66	2.87	3.26	-0.54	88	50	69	-3	131	3,074	2
Henderson	0.07	27.93	2.46	8.17	-0.40	91	53	71	-3	148	3,225	127
Huntington	0.00	23.01	1.20	2.71	-2.36	87	52	69	-2	132	2,878	53
Jackson	0.01	33.15	5.02	11.62	1.40	84	56	70	-1	139	3,072	398
Lexington	0.47	30.97	2.23	10.16	-1.32	88	51	70	-1	137	3,023	162
London	0.00	26.01	2.76	6.25	-0.23	86	54	71	0	144	3,223	401
Louisville	0.00	32.49	3.47	12.24	0.27	89	59	73	1	160	3,499	452
Mayfield	0.31	29.45	2.68	7.82	-0.78	88	53	70	-4	138	3,297	197
Nashville	0.10	22.81	2.99	2.67	-0.14	90	57	74	2	165	3,599	332
Nolin Lake	0.00	30.37	0.87	7.76	-2.52	89	51	70	-2	142	3,464	634
Paducah	0.01	24.25	1.95	2.83	-1.07	90	52	71	-3	147	3,505	347
Princeton	0.86	25.48	2.90	3.70	-0.72	88	51	69	-5	134	3,226	75
Quicksand	0.09	26.50	3.48	4.97	-0.14	85	53	69	-2	134	2,987	313
Somerset	0.00	27.22	1.61	4.88	-1.93	85	49	68	-3	124	2,900	44
Spindletop	0.05	38.12	3.49	17.31	-0.06	89	52	70	-1	141	3,114	253
Williamstown	0.00	29.61	3.09	9.14	-0.28	85	53	68	-3	128	2,806	8

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859) 218-4364.